

Title (en)
BODY STRUCTURE FOR A VEHICLE

Title (de)
KAROSSERIESTRUKTUR FÜR EIN FAHRZEUG

Title (fr)
STRUCTURE DE CARROSSERIE POUR UN VÉHICULE

Publication
EP 3849853 B1 20231011 (DE)

Application
EP 19735521 A 20190626

Priority
• DE 102018215367 A 20180911
• EP 2019067052 W 20190626

Abstract (en)
[origin: WO2020052827A1] The invention relates to a body structure for a vehicle, comprising a vehicle pillar (3), in particular a B-pillar, made of a vehicle-interior sheet metal inner part (9) and a vehicle-exterior sheet metal outer part (11) which form a hollow support (12) with a hollow profiled section (13) that runs in the vehicle vertical direction (z) and has a closed cross-section, wherein functional elements (20, 21, 23) of a seatbelt system (19) can be assembled on the hollow support (12) of the body pillar (3). According to the invention, the body pillar (3) has a module support (14) that can be provided as a pre-assembly unit which is separate from the vehicle body (50) and on which the functional elements (20, 21, 23) of the seatbelt system (19) and/or a pillar cover (17) can be pre-assembled. The module support (14) together with the functional elements (20, 21, 23) and/or pillar cover (17) already pre-assembled thereon can be joined to the sheet metal inner part (9) of the hollow support (12) at at least one pillar-side attachment point (S1, S2), in particular an adhesive connection and/or screw-in connection, in an assembly process step (ZSB).

IPC 8 full level
B60R 22/24 (2006.01); **B62D 25/04** (2006.01); **B62D 65/14** (2006.01)

CPC (source: EP)
B60R 22/24 (2013.01); **B62D 25/04** (2013.01); **B62D 65/14** (2013.01)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
DE 102018215367 A1 20200312; CN 112672928 A 20210416; CN 112672928 B 20230203; EP 3849853 A1 20210721;
EP 3849853 B1 20231011; WO 2020052827 A1 20200319

DOCDB simple family (application)
DE 102018215367 A 20180911; CN 201980058873 A 20190626; EP 19735521 A 20190626; EP 2019067052 W 20190626